

Title (en)

CONTROLLED RELEASE FILL COMPOSITIONS AND CAPSULES CONTAINING SAME

Title (de)

FÜLLZUSAMMENSETZUNGEN MIT KONTROLLIERTER FREISETZUNG UND KAPSELN DAMIT

Title (fr)

COMPOSITIONS DE REMPLISSAGE À LIBÉRATION CONTRÔLÉE ET CAPSULES LES CONTENANT

Publication

**EP 4228608 A1 20230823 (EN)**

Application

**EP 21881089 A 20211014**

Priority

- US 202063092679 P 20201016
- US 2021054991 W 20211014

Abstract (en)

[origin: WO2022081848A1] A controlled release fill composition for use in soft or hard capsules, soft- or hard-shell capsules encapsulating controlled release fill compositions, a method of producing a softgel capsule with a controlled release fill composition encapsulated in the soft gel capsule shell. The controlled release fill composition includes an active pharmaceutical ingredient; polyethylene oxide having a number average molecule weight of from 0.05 M daltons to 15 M daltons; and at least one of water or a hydrophilic carrier having a number average molecule weight of from 200 daltons to 5000 daltons. Also, in the controlled release fill composition either the polyethylene oxide is present in an amount of at least 21.5 wt.%, based on a total weight of the controlled release fill composition, or the hydrophilic carrier is present in an amount up to 65 wt.%, based on a total weight of the controlled release fill composition.

IPC 8 full level

**A61K 9/48** (2006.01); **A61K 47/12** (2006.01); **A61K 47/34** (2017.01)

CPC (source: EP IL KR US)

**A61K 9/4833** (2013.01 - EP IL KR US); **A61K 9/4866** (2013.01 - EP IL KR); **A61K 31/135** (2013.01 - EP IL); **A61K 47/10** (2013.01 - US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**WO 2022081848 A1 20220421**; AR 123800 A1 20230111; AU 2021360905 A1 20230601; CA 3195386 A1 20220421; CN 116367864 A 20230630; CO 2023005368 A2 20230519; EP 4228608 A1 20230823; IL 301692 A 20230501; JP 2023545494 A 20231030; KR 20230088730 A 20230620; MX 2023004441 A 20230508; TW 202228655 A 20220801; US 2023372252 A1 20231123

DOCDB simple family (application)

**US 2021054991 W 20211014**; AR P210102851 A 20211015; AU 2021360905 A 20211014; CA 3195386 A 20211014; CN 202180070429 A 20211014; CO 2023005368 A 20230427; EP 21881089 A 20211014; IL 30169223 A 20230327; JP 2023522950 A 20211014; KR 20237013939 A 20211014; MX 2023004441 A 20211014; TW 110138319 A 20211015; US 202118248415 A 20211014